Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 15 07:34:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167463	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	659116	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	259822	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	378933	20.00	ng		0.00
75) Chrysene-d12	14.02	240	174946	20.00	ng		0.02
86) Perylene-d12	15.53	264	198630	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1134555	100.92	ng		0.00
7) Phenol-d6	6.46	99	1419235	101.44	ng		0.00
23) Nitrobenzene-d5	7.39	82	847308	71.56	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	242584	96.89	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1179288	70.41	ng		0.00
78) Terphenyl-d14	12.94	244	641610	88.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	66651	4.180	ng	#	67
25) Isophorone	7.39	82	832973	35.068	ng	#	64
31) Naphthalene	8.12	128	214637	6.468	ng		99
32) Benzoic acid	7.92	122	6725	8.831	ng	#	71
33) 4-Chloroaniline	8.12	127	28890	2.003	ng	#	36
36) 4-Chloro-3-methylphenol	8.66	107	148873	14.334	ng		97
37) 2-Methylnaphthalene	8.81	142	79353	3.671	ng		99
49) Dimethylphthalate	9.57	163	125319	5.996	ng	#	99
51) Acenaphthene	9.89	154	143623	8.584	ng		96
53) 2,4-Dinitrophenol	10.06	184	125	10.394	ng	#	1
57) Fluorene	10.40	166	182747	10.160	ng		100
69) Pentachlorophenol	11.15	266	133	6.626	ng	#	9
70) Phenanthrene	11.37	178	1207456	57.299	ng		100
71) Anthracene	11.43	178	356352	16.555	ng		99
72) Carbazole	11.59	167	185278	9.193	ng		96
74) Fluoranthene	12.58	202	1281992	57.959	ng		96
77) Pyrene	12.81	202	1119709	85.281	ng		99
80) Benzo(a)anthracene	14.01	228	470650	40.742	ng		97
82) Chrysene	14.04	228	411843	37.759	ng		96
83) Bis(2-ethylhexyl)phthalate	13.97	149	100366	13.338	ng	#	89
85) Indeno(1,2,3-cd)pyrene	17.03	276	343722	35.389	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	698938	57.730	ng	#	85
88) Benzo(k)fluoranthene	15.09	252	698938	59.377	ng	#	88
89) Benzo(a)pyrene	15.47	252	379229	33.978	ng	#	87
90) Dibenzo(a,h)anthracene	17.03	278	87000	9.079	ng	#	69
91) Benzo(g,h,i)perylene	17.49	276	359175	37.853	ng		96

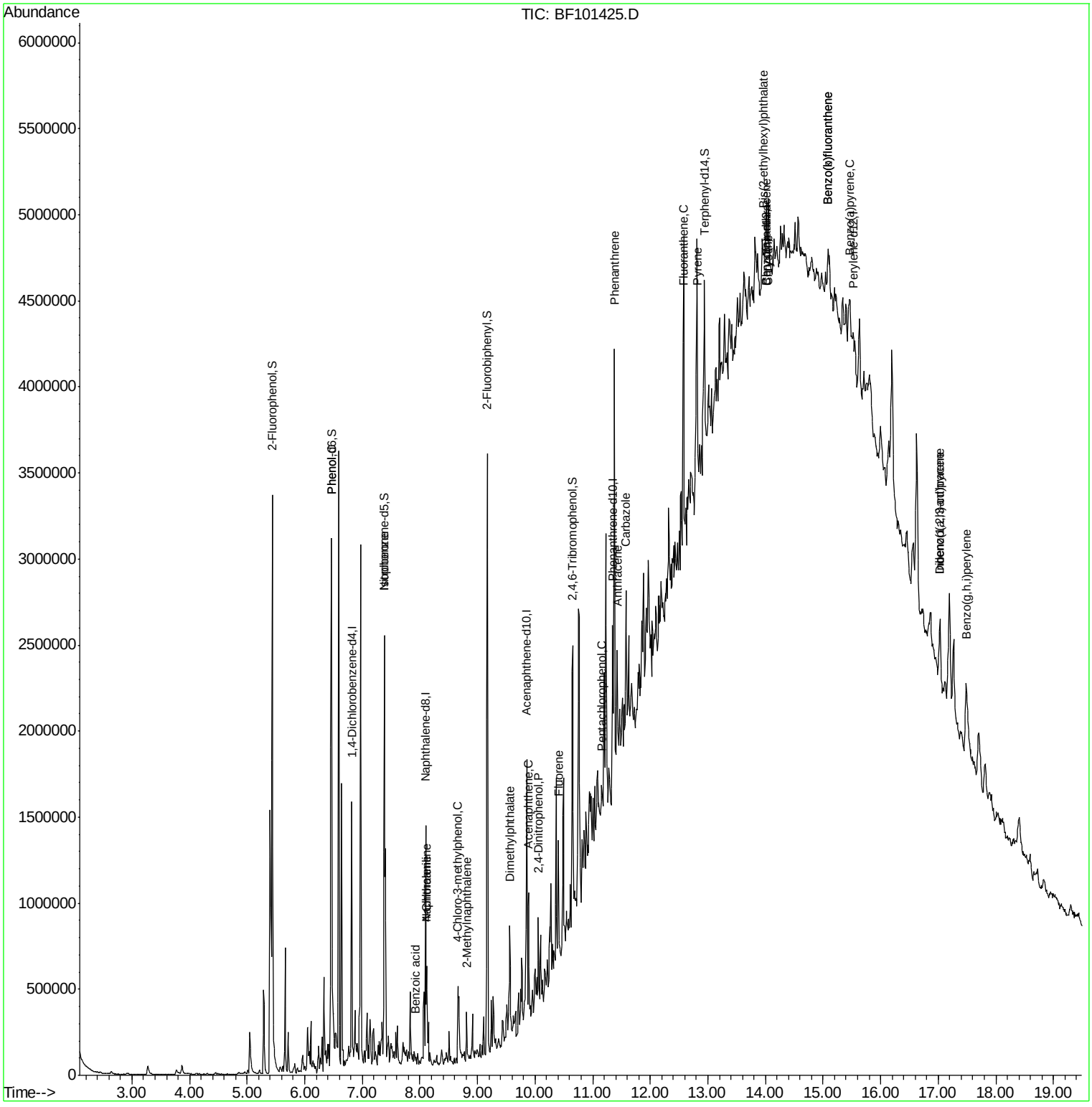
(#) = qualifier out of range (m) = manual integration (+) = signals summed

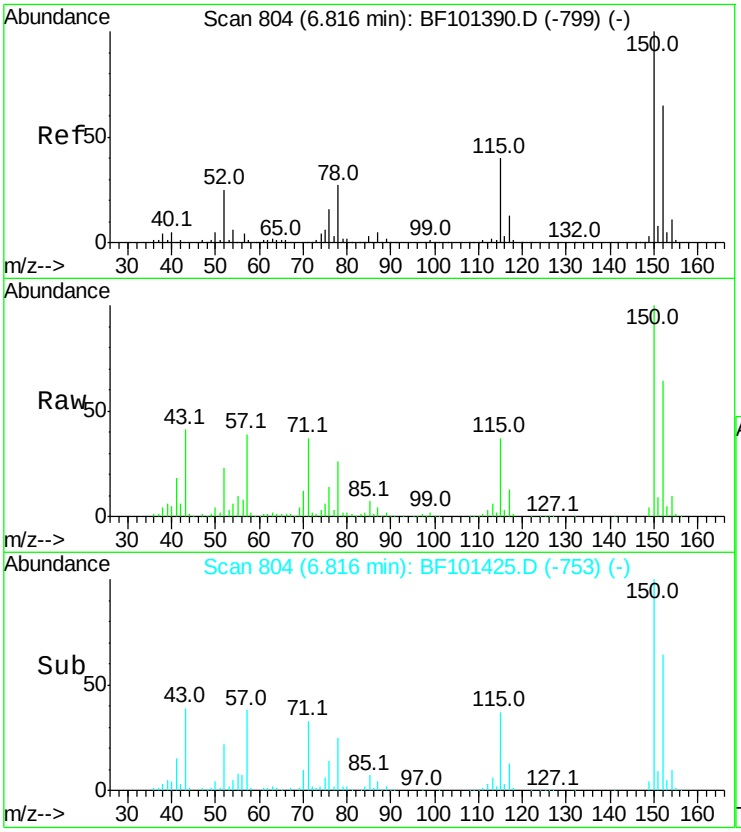
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 07:34:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration



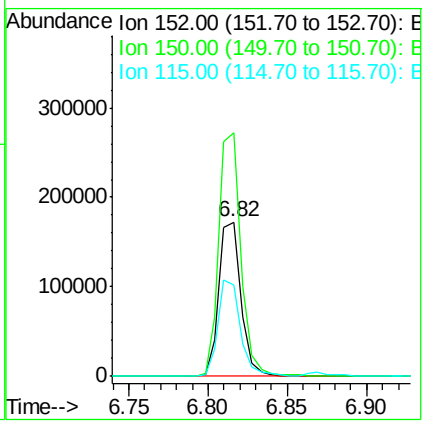


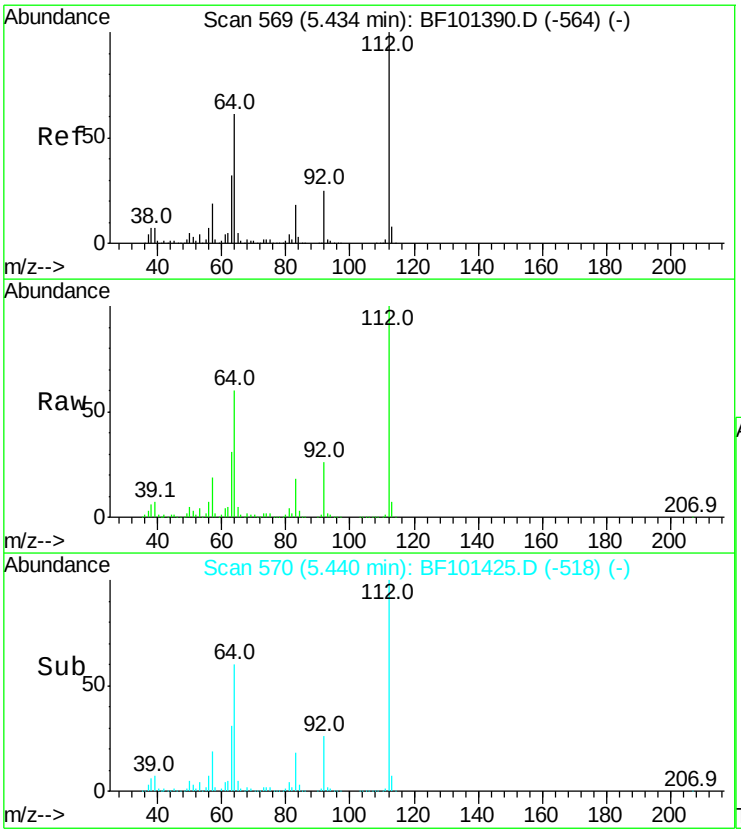
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167463

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	58.8	50.1	75.1

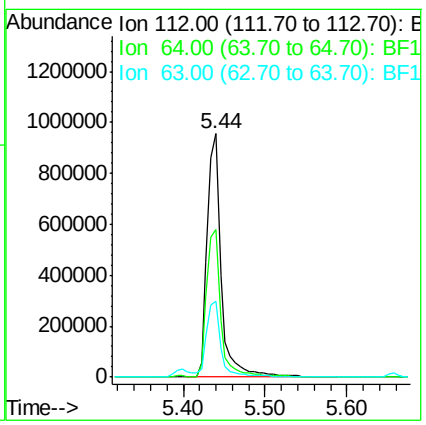


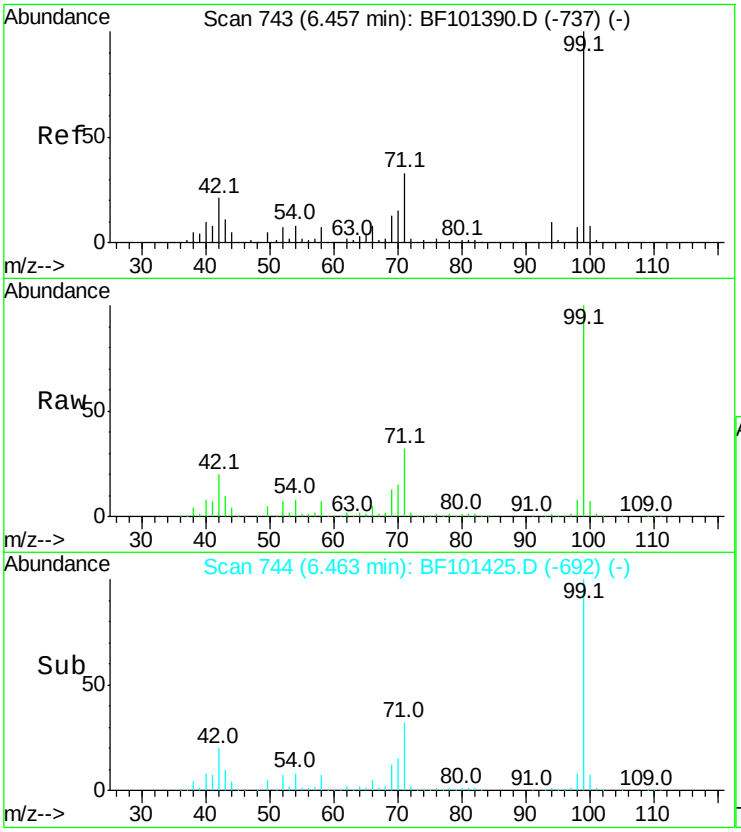


#5
2-Fluorophenol
Concen: 100.918 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:112 Resp: 1134555

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.0	23.7	35.5



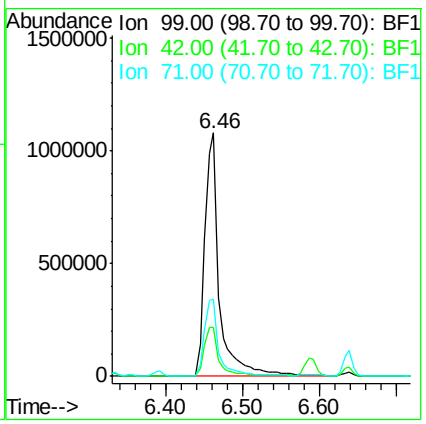


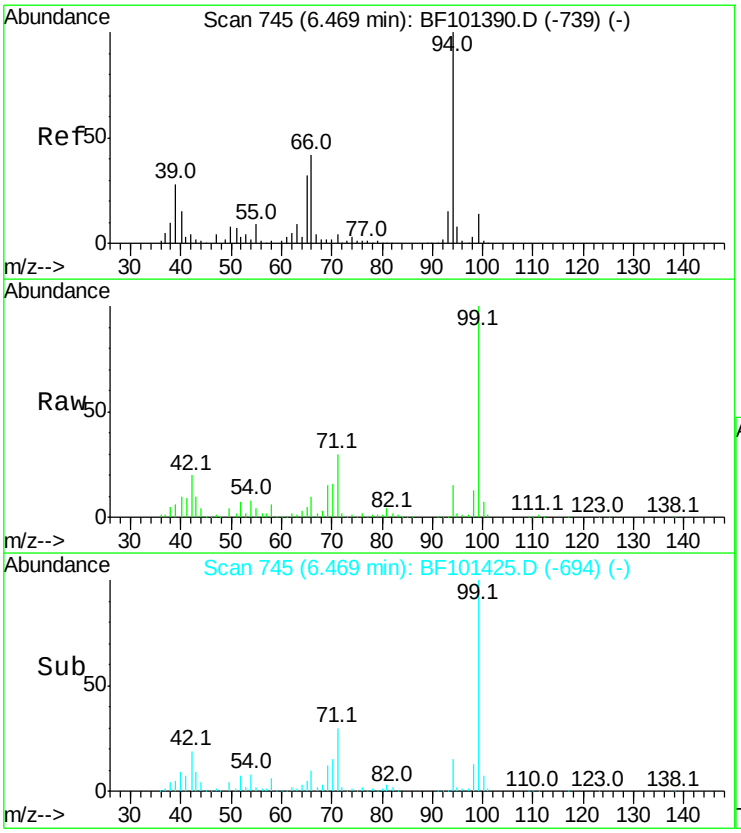
#7
Phenol-d6
Concen: 101.436 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1419235

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	31.6	25.4	38.0

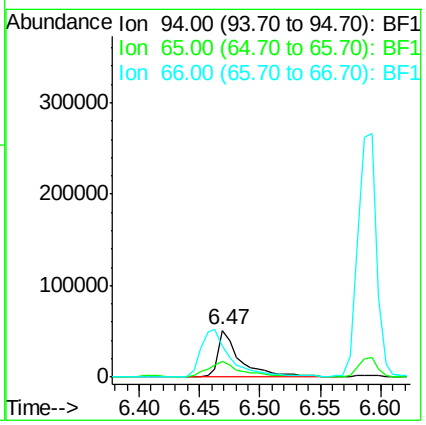


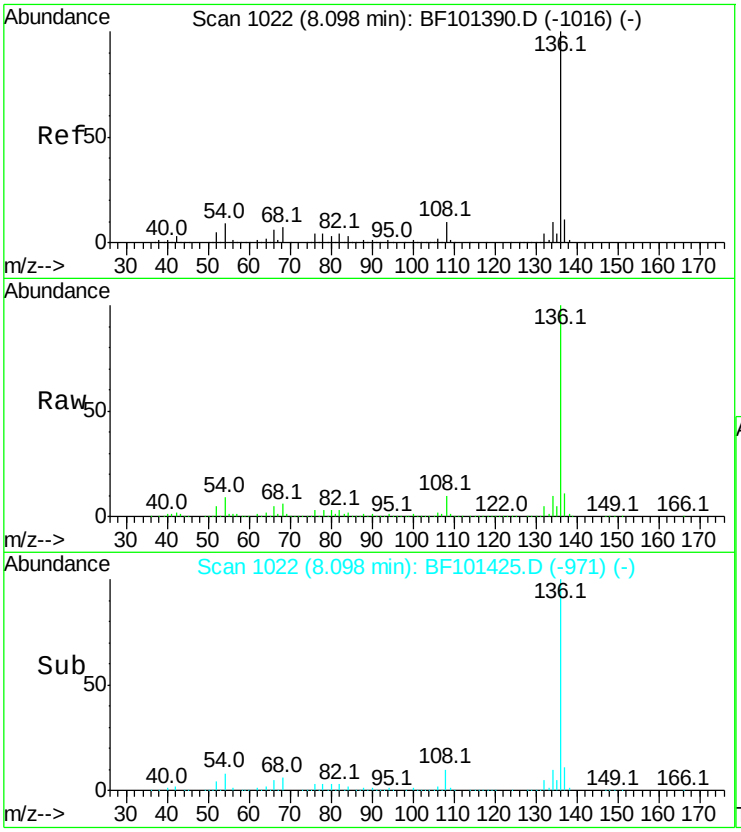


#10
Phenol
Concen: 4.180 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion: 94 Resp: 66651

Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	65.4	16.2	56.2#



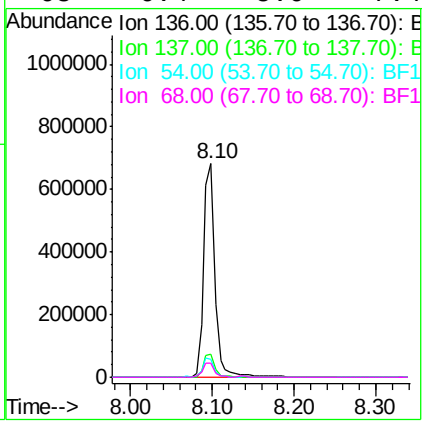


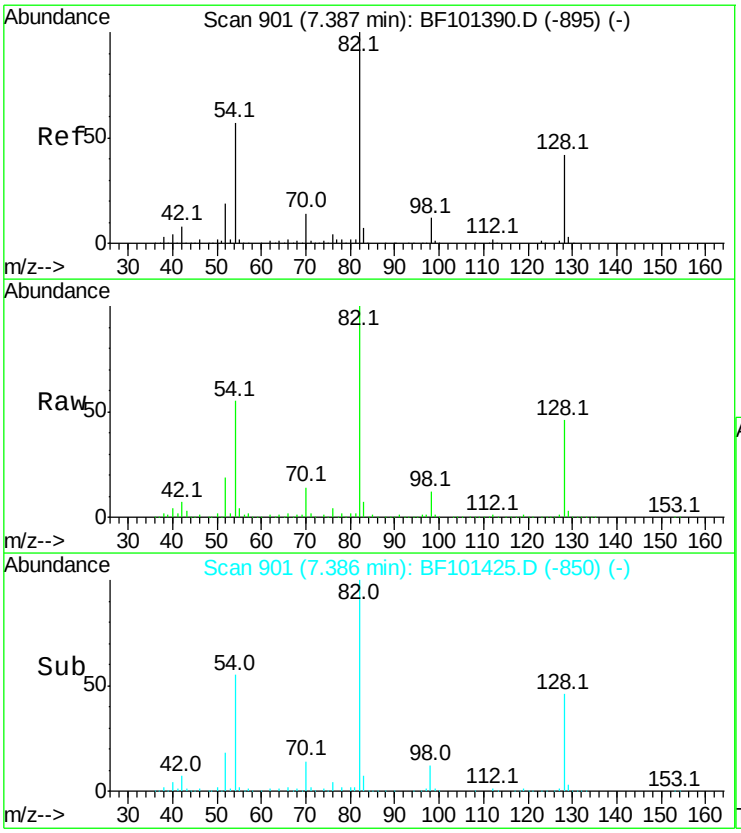
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 659116

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.4	5.0	7.4

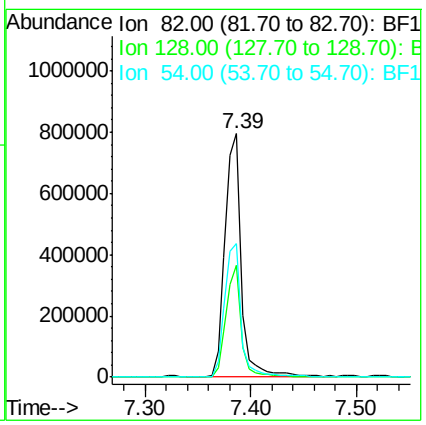


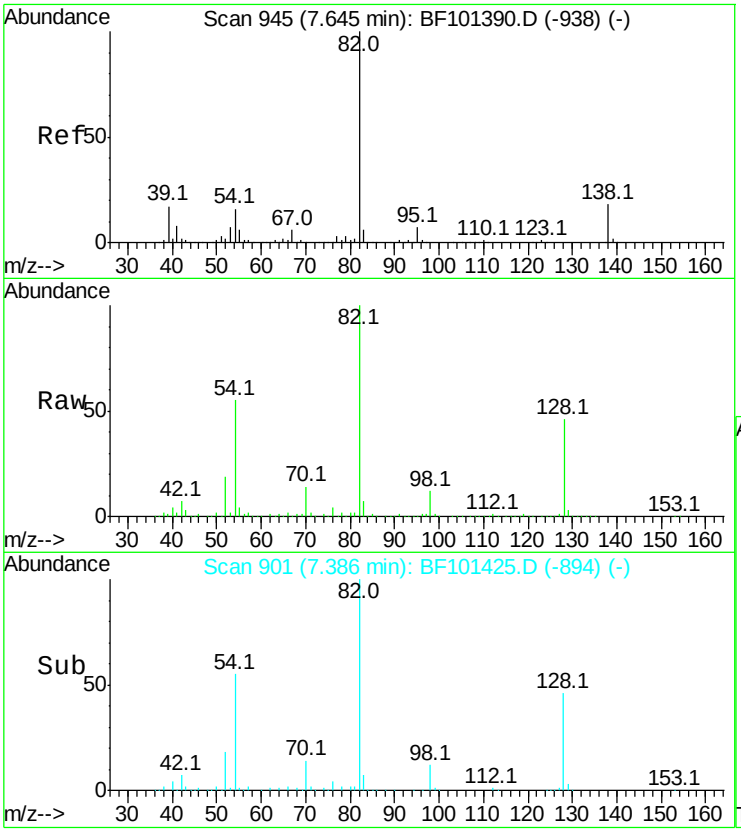


#23
Nitrobenzene-d5
Concen: 71.560 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion: 82 Resp: 847308

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.6	41.4	62.2



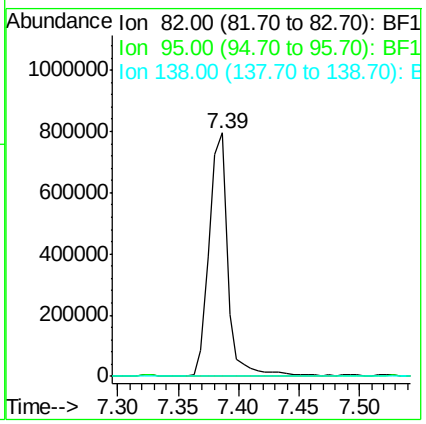


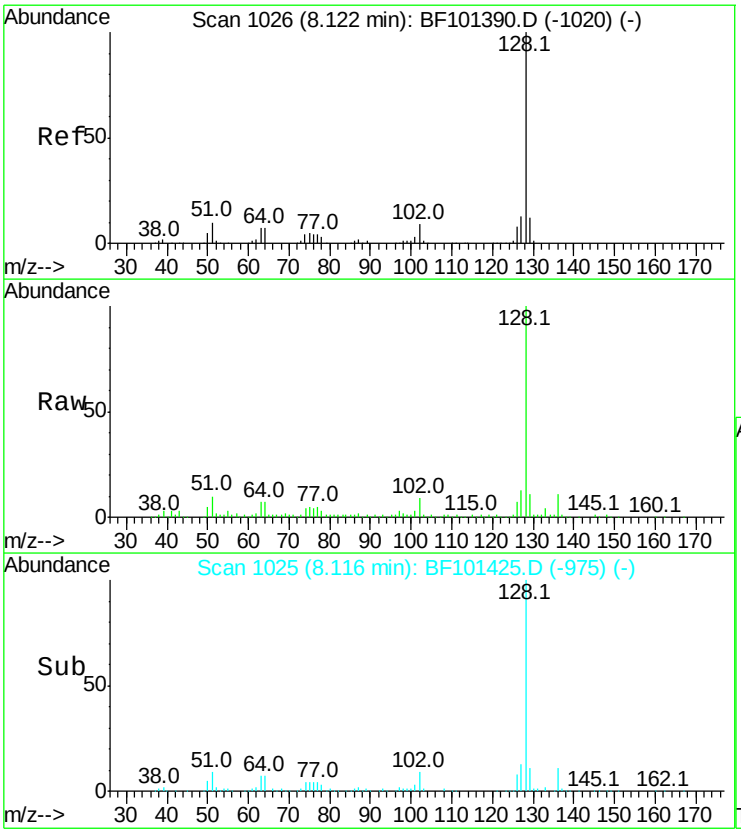
#25
Isophorone
Concen: 35.068 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 832973

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

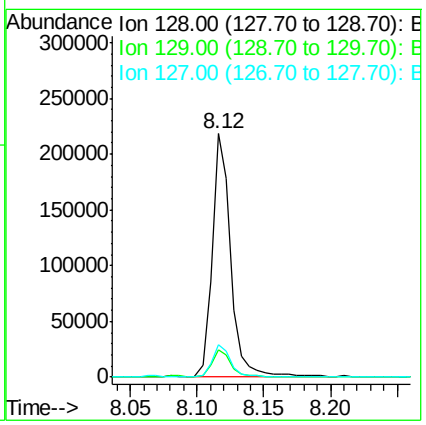


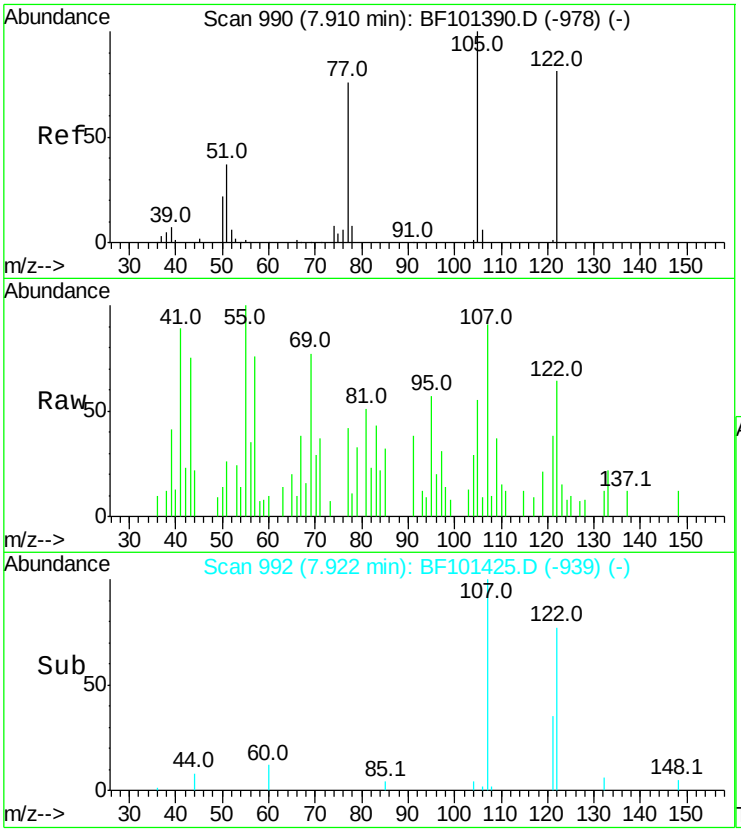


#31
Naphthalene
Concen: 6.468 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:128 Resp: 214637

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.4	10.9	16.3



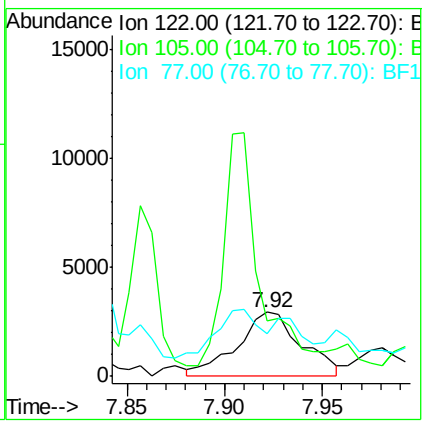


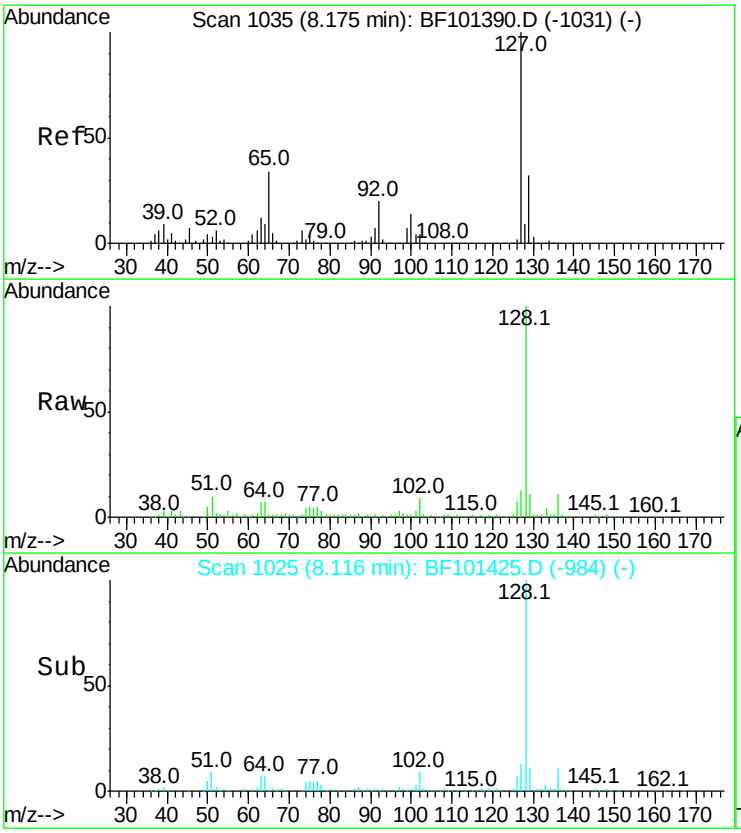
#32
Benzoic acid
Concen: 8.831 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 6725

Ion	Ratio	Lower	Upper
122	100		
105	85.7	101.1	141.1#
77	65.9	70.7	110.7#

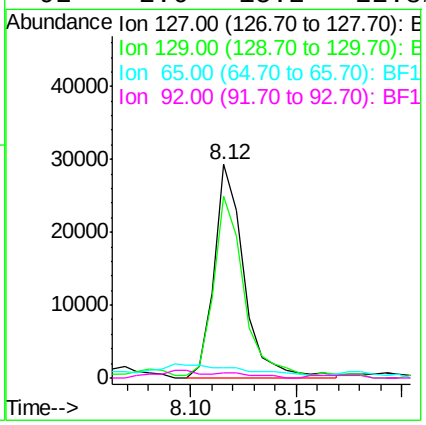


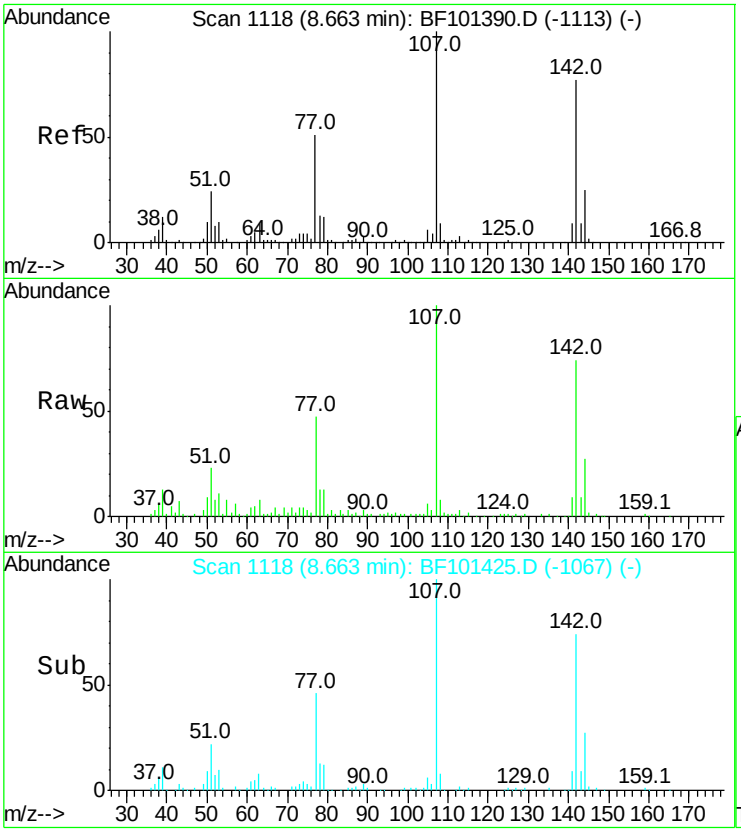


#33
4-Chloroaniline
Concen: 2.003 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.06 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:127 Resp: 28890

Ion	Ratio	Lower	Upper
127	100		
129	85.4	25.9	38.9#
65	4.7	25.0	37.4#
92	2.6	15.2	22.8#



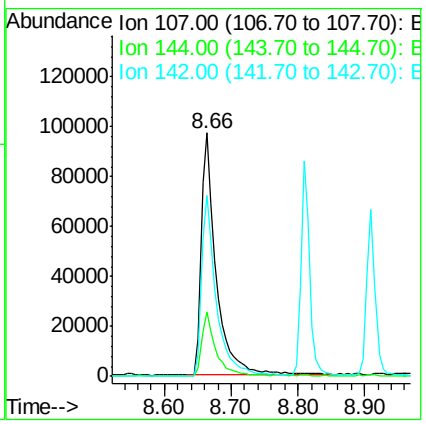


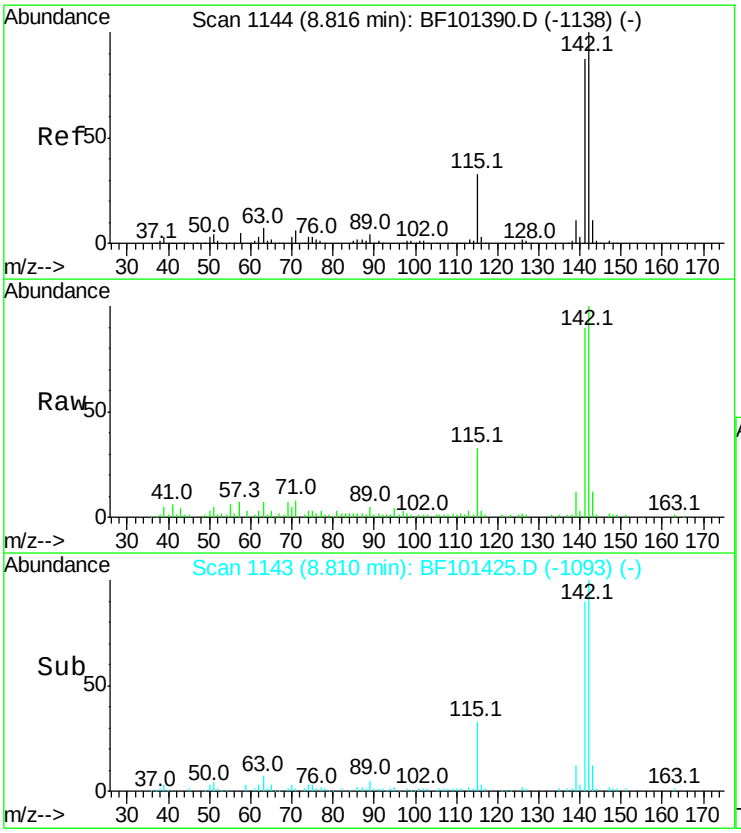
#36
4-Chloro-3-methylphenol
Concen: 14.334 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 148873

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	74.2	62.0	93.0

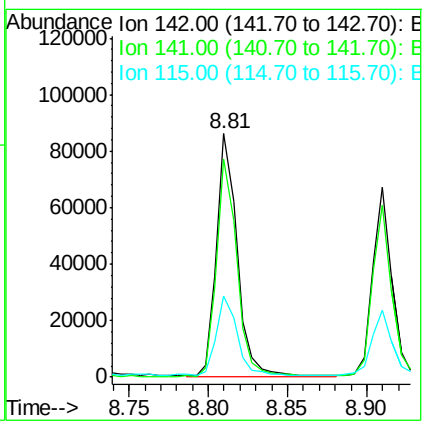


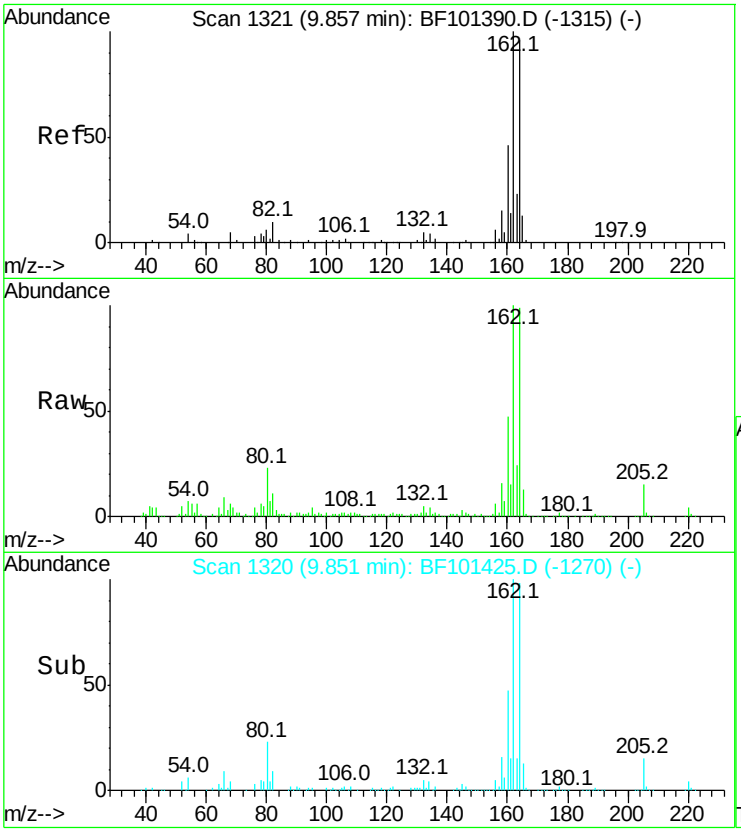


#37
2-Methylnaphthalene
Concen: 3.671 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:142 Resp: 79353

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	33.0	26.1	39.1



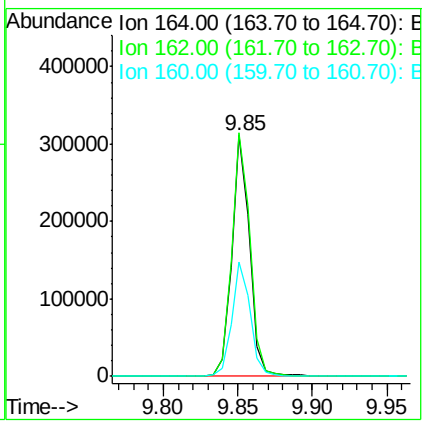


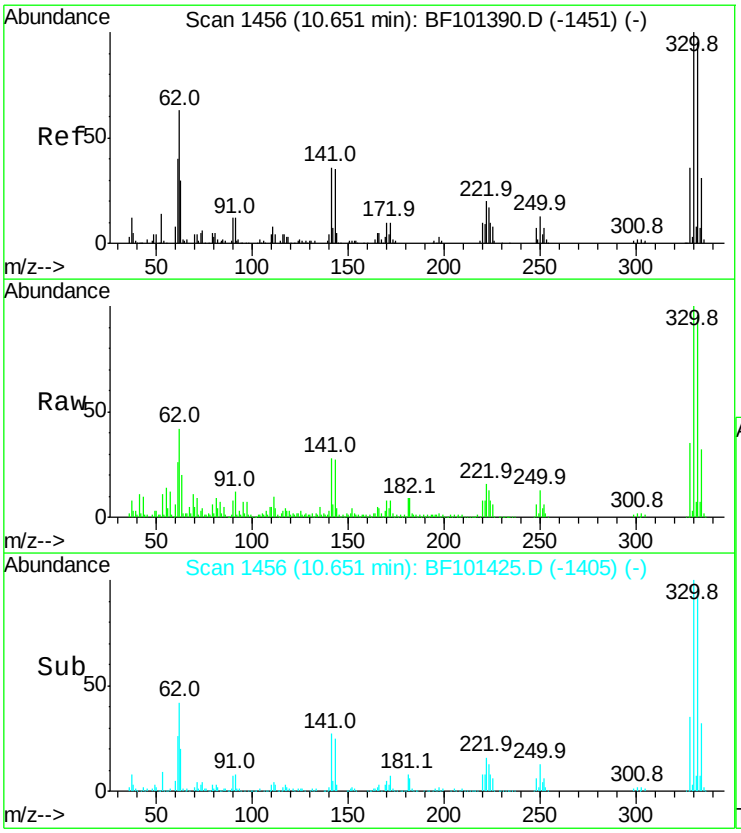
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 259822

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	47.4	38.3	57.5

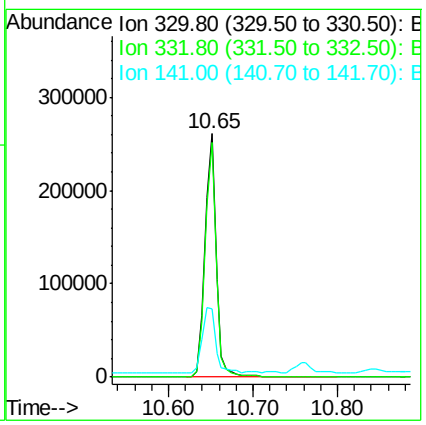


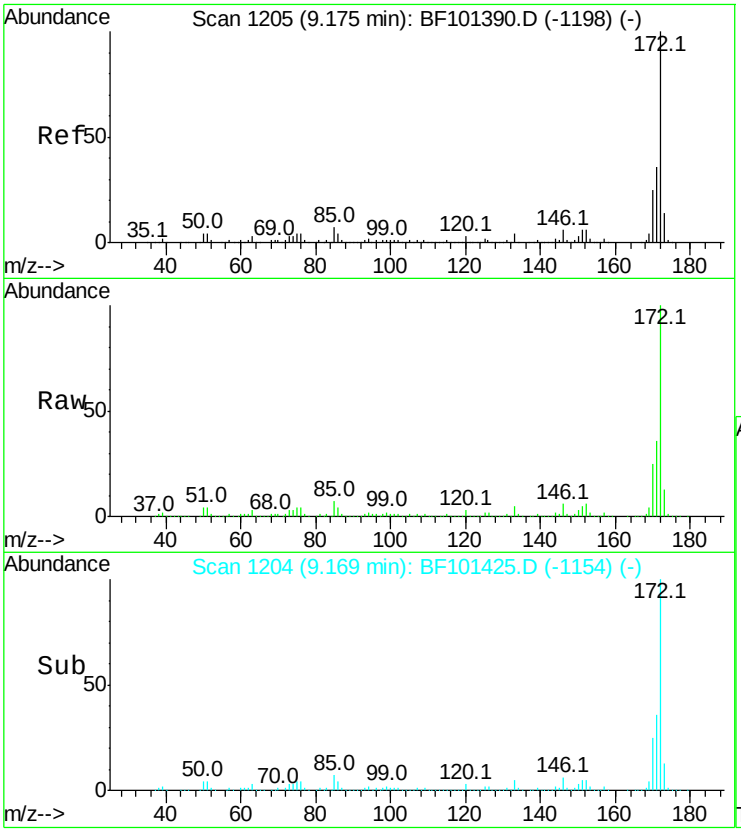


#41
2,4,6-Tribromophenol
Concen: 96.895 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:330 Resp: 242584

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.4	29.9	44.9



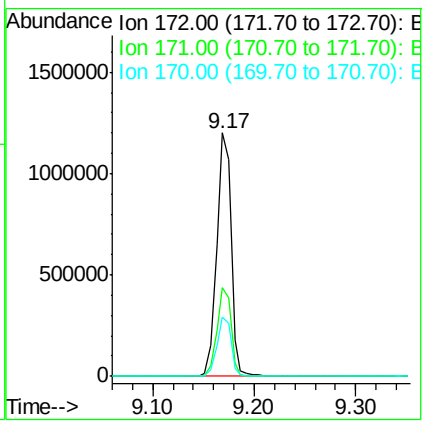


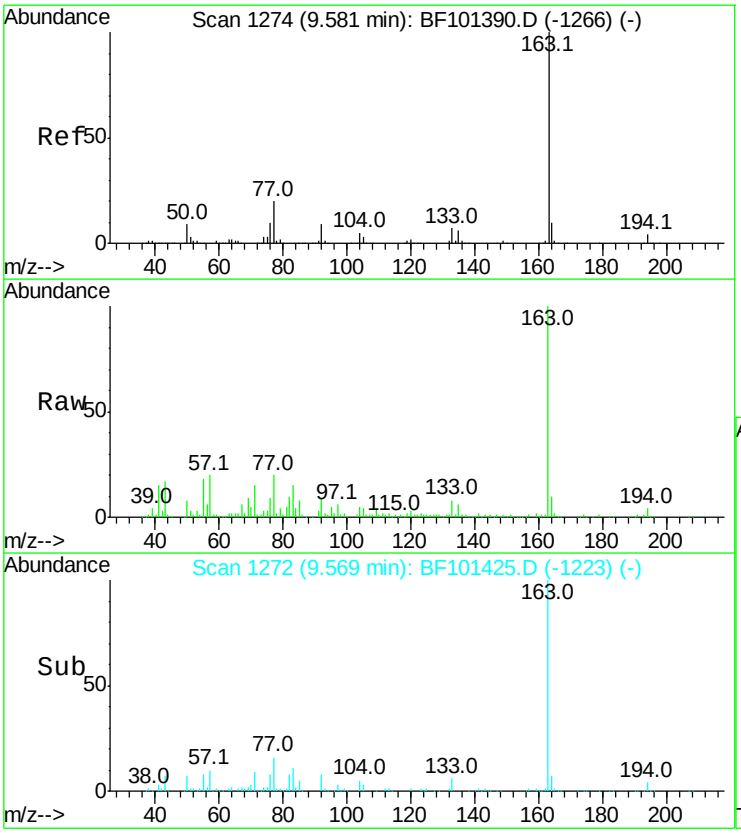
#44
2-Fluorobiphenyl
Concen: 70.408 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1179288

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

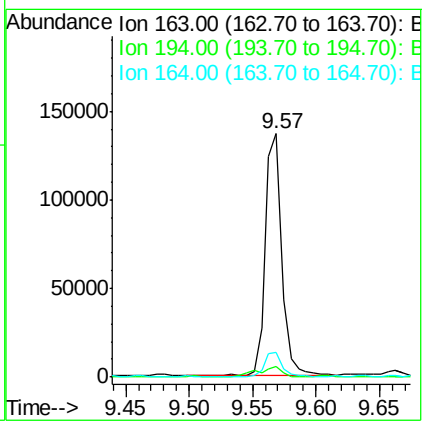


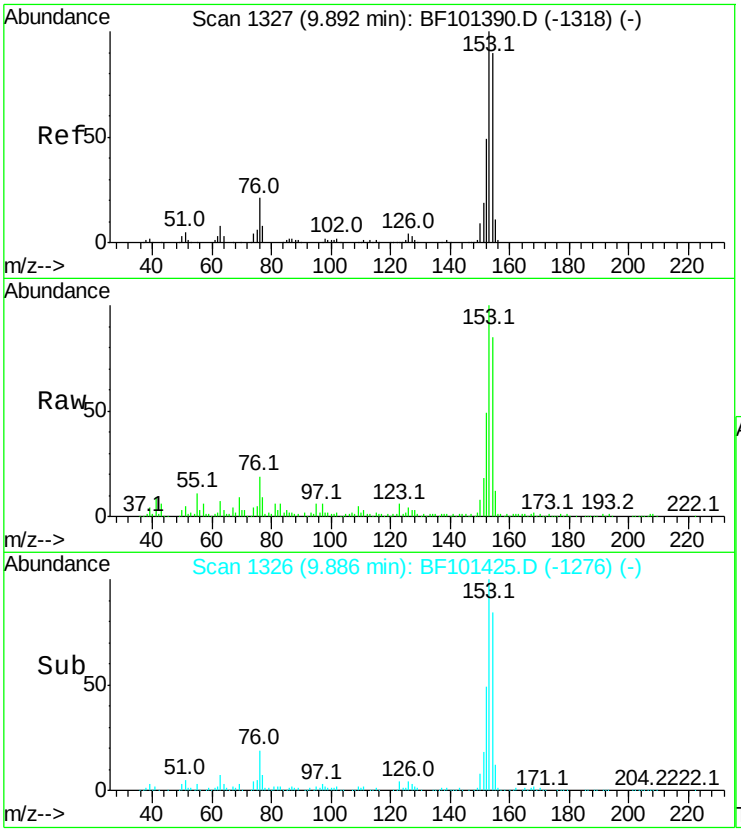


#49
Dimethylphthalate
Concen: 5.996 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:163 Resp: 125319

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.1	8.2	12.2



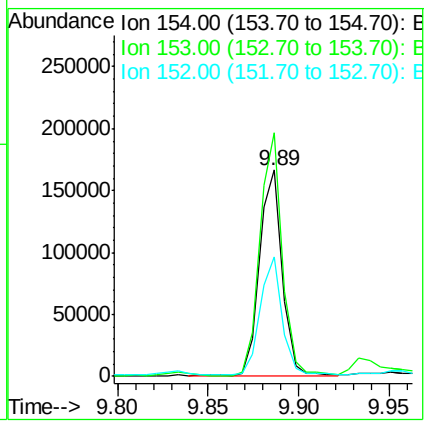


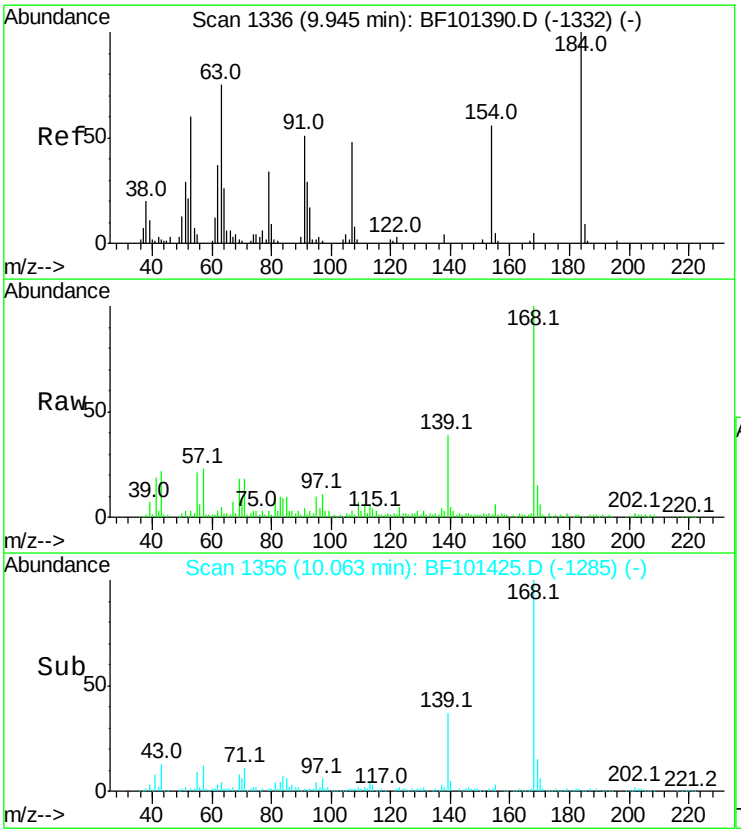
#51
Acenaphthene
Concen: 8.584 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 143623

Ion	Ratio	Lower	Upper
154	100		
153	118.1	91.2	136.8
152	57.7	43.8	65.8

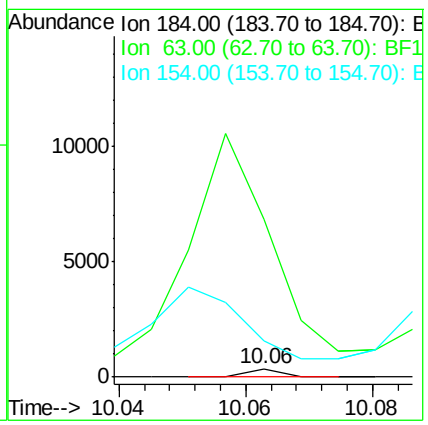


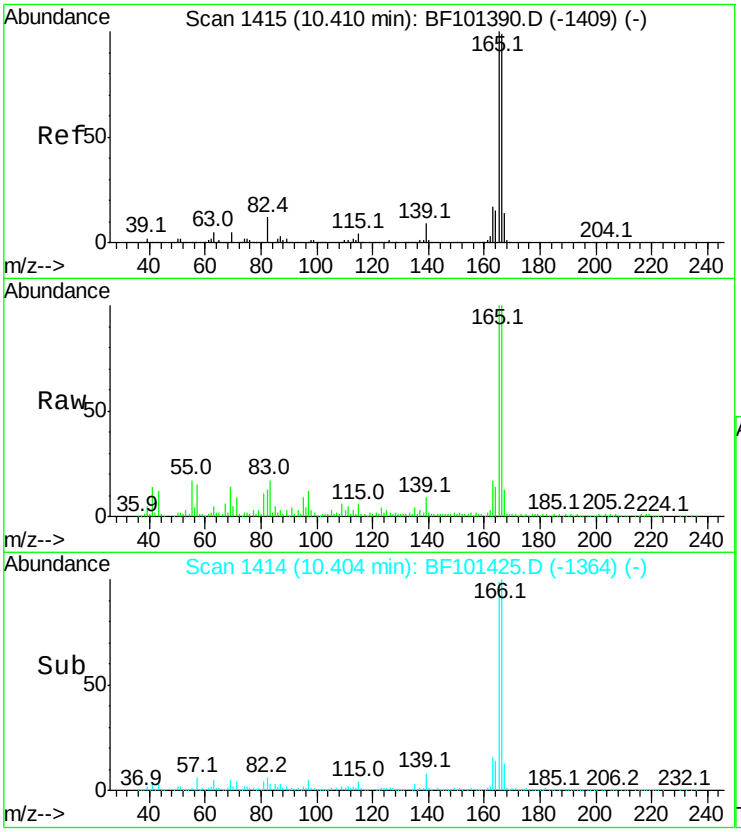


#53
2,4-Dinitrophenol
Concen: 10.394 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.12 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:184 Resp: 125

Ion	Ratio	Lower	Upper
184	100		
63	1932.9	54.2	81.2#
154	447.3	184.0	276.0#



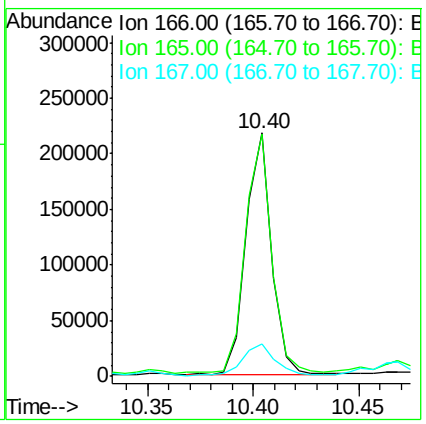


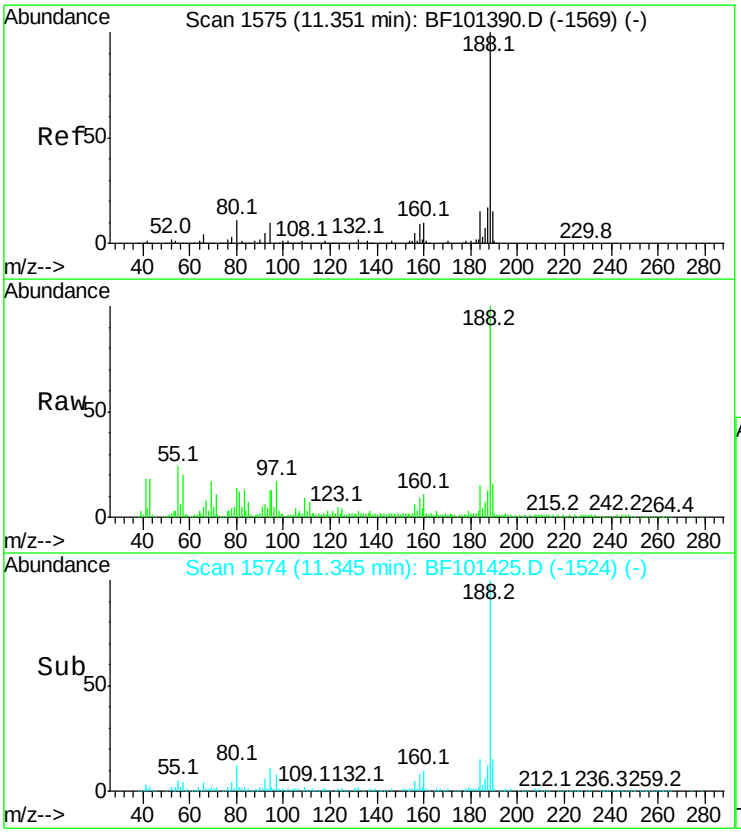
#57
Fluorene
Concen: 10.160 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 182747

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.4	10.6	16.0

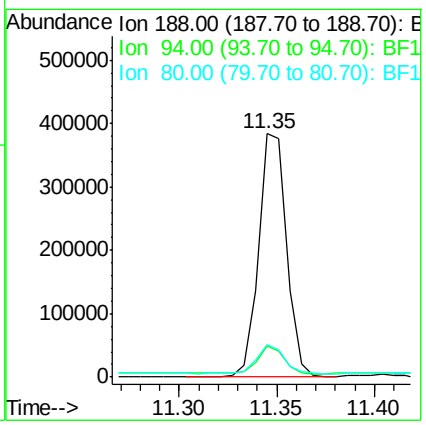


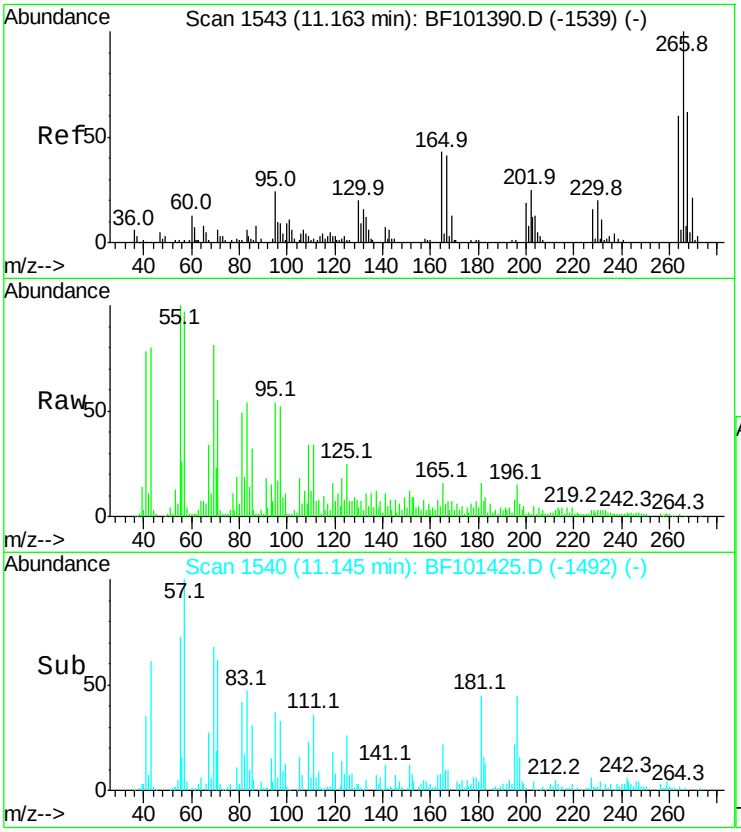


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:188 Resp: 378933

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.5	9.2	13.8



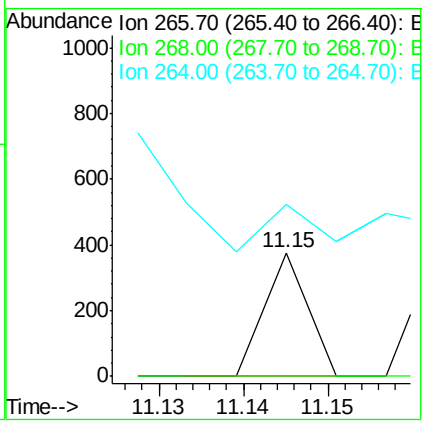


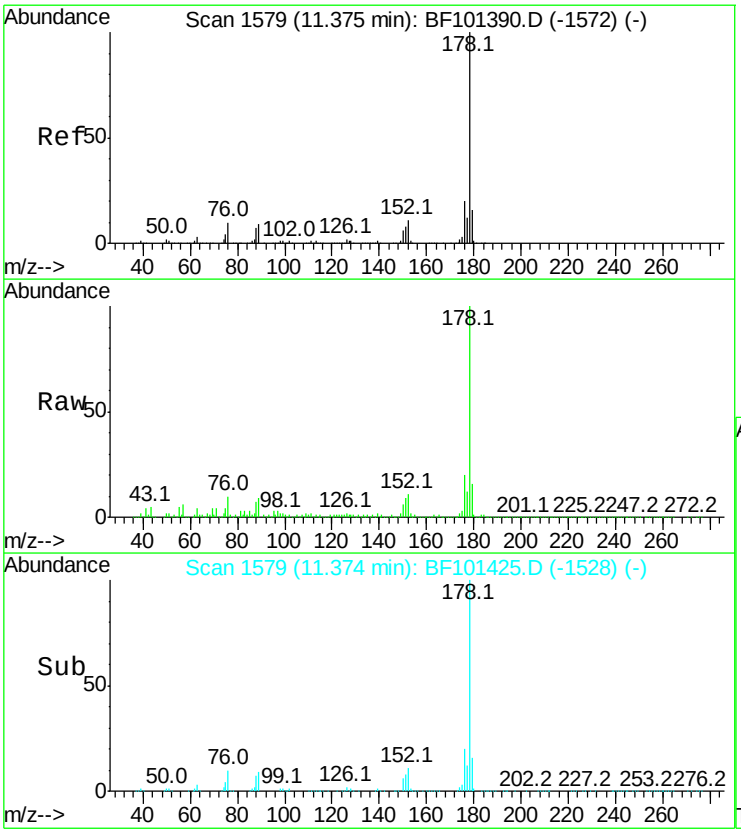
#69
Pentachlorophenol
Concen: 6.626 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 133

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	139.6	49.5	74.3#

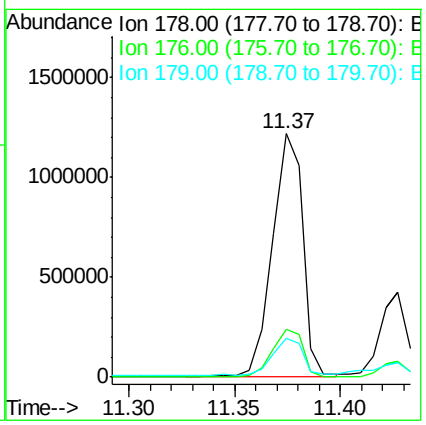


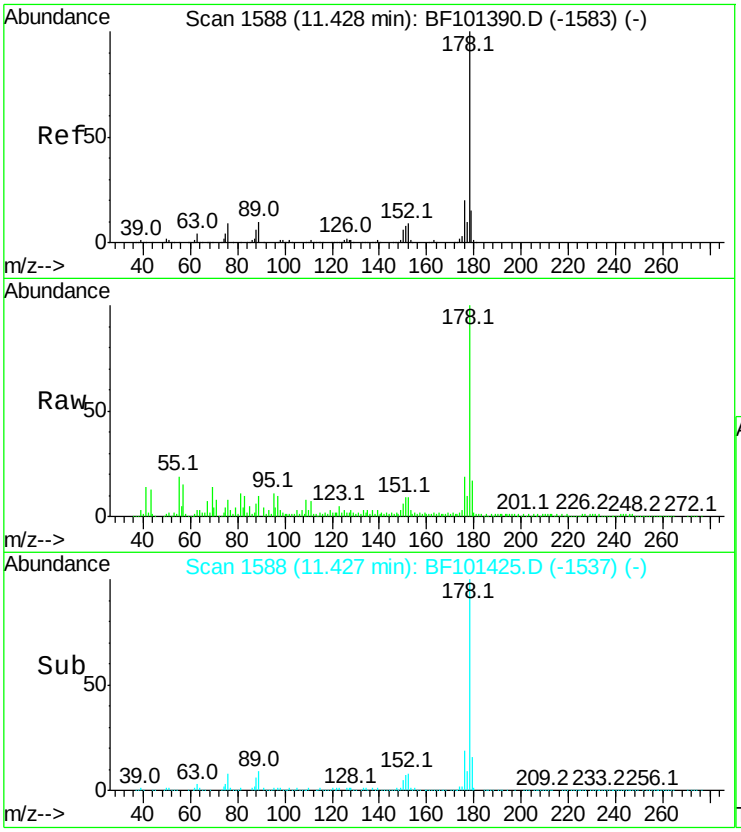


#70
Phenanthrene
Concen: 57.299 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:178 Resp: 1207456

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	13.0	19.6



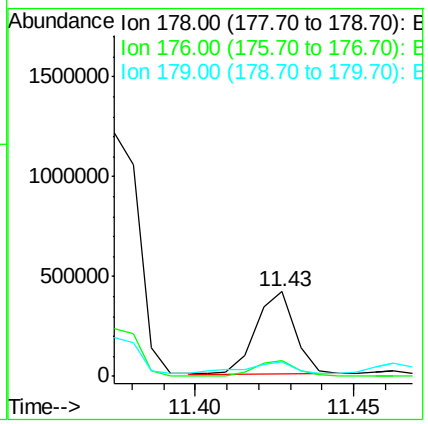


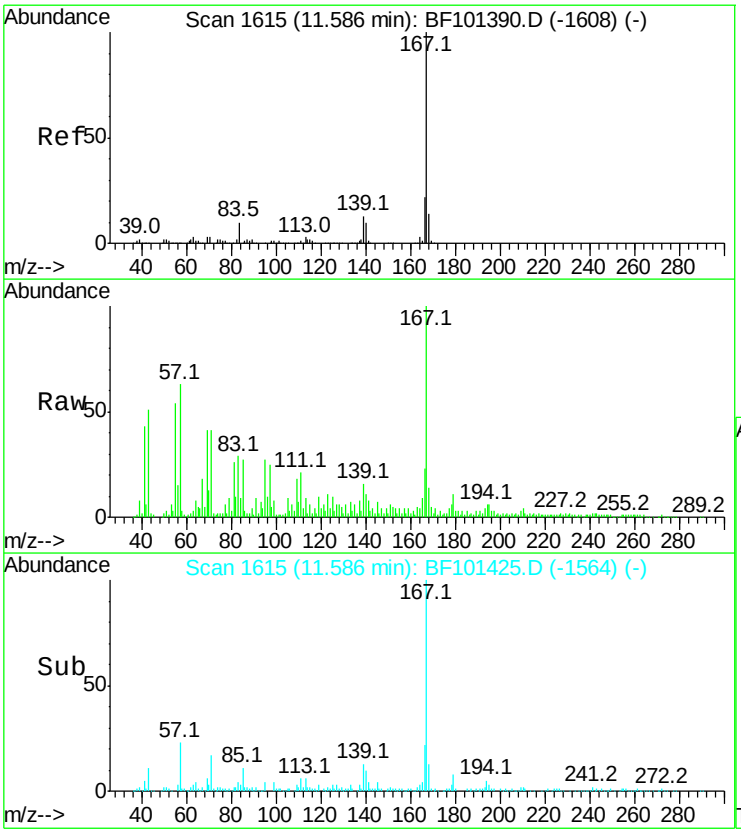
#71
Anthracene
Concen: 16.555 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 356352

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.6	12.6	19.0

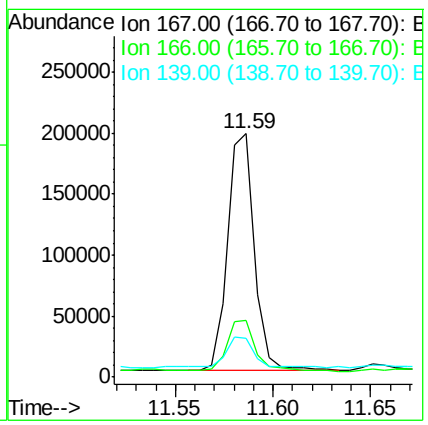


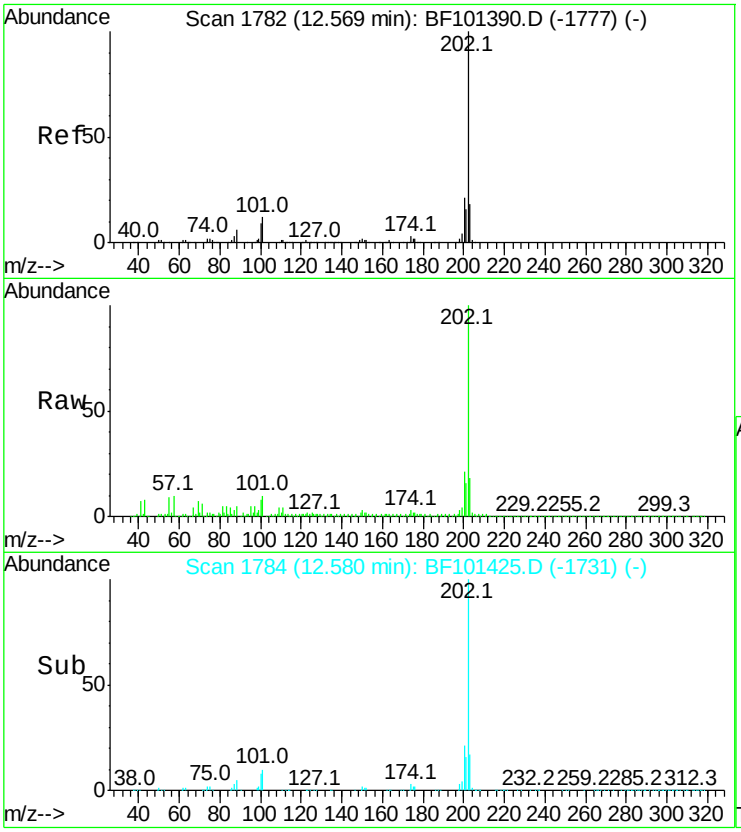


#72
Carbazole
Concen: 9.193 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:167 Resp: 185278

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	15.9	10.9	16.3



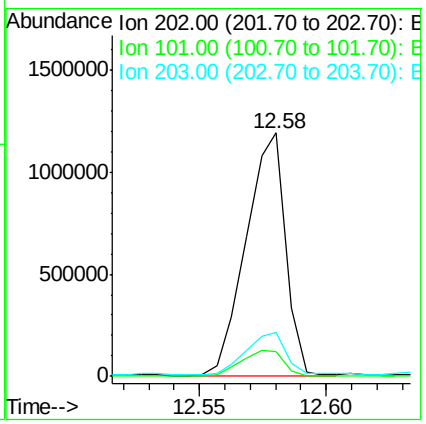


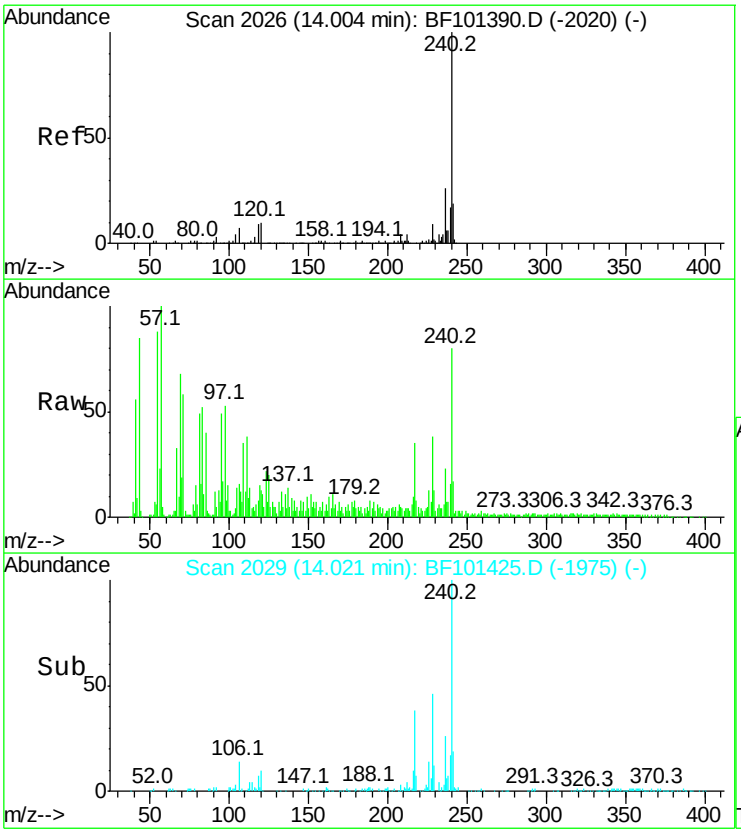
#74
Fluoranthene
Concen: 57.959 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1281992

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.8	0.0	38.1

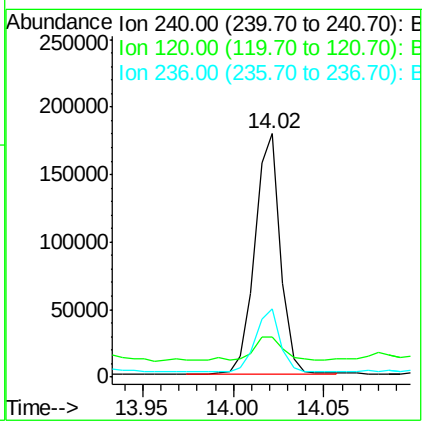


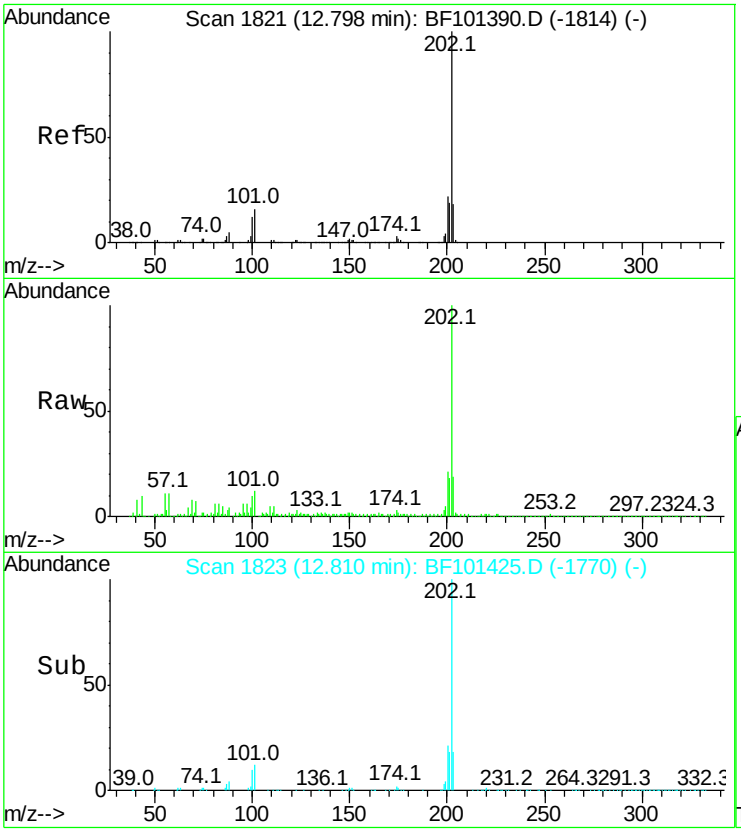


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:240 Resp: 174946

Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	28.1	20.7	31.1



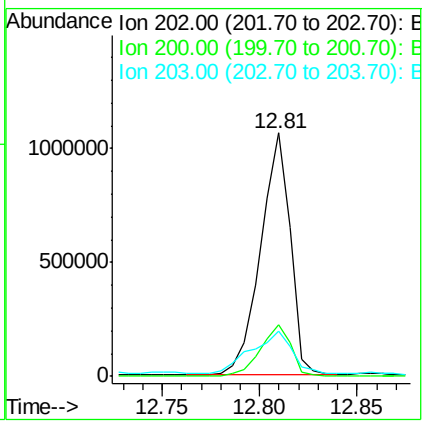


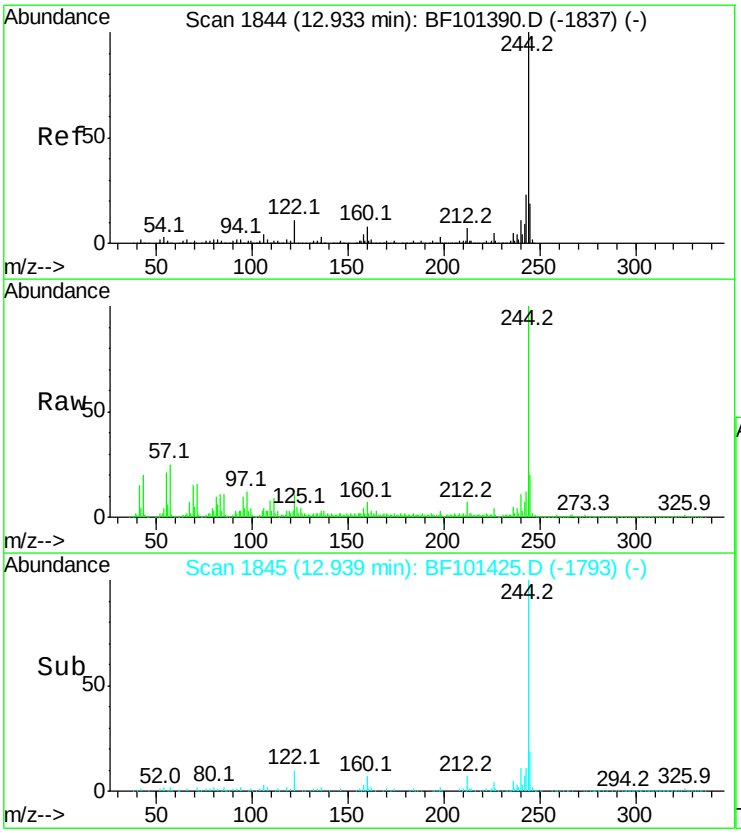
#77
Pyrene
Concen: 85.281 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1119709

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.6	14.3	21.5

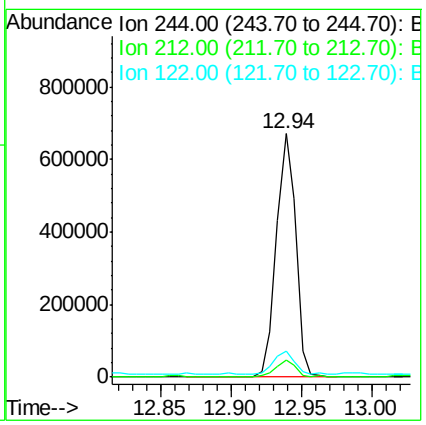


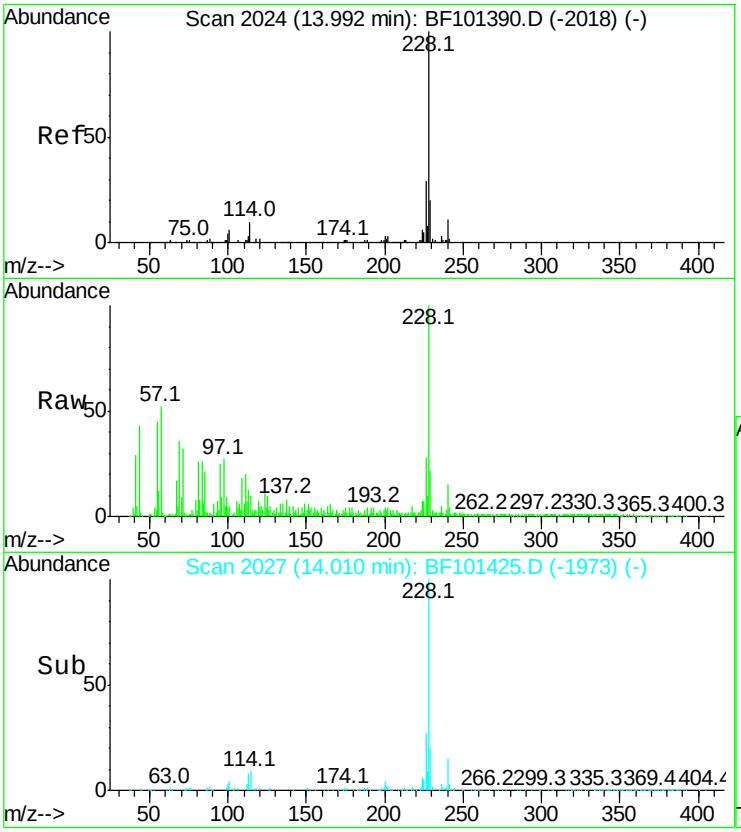


#78
Terphenyl-d14
Concen: 88.414 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:244 Resp: 641610

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	11.0	16.4#



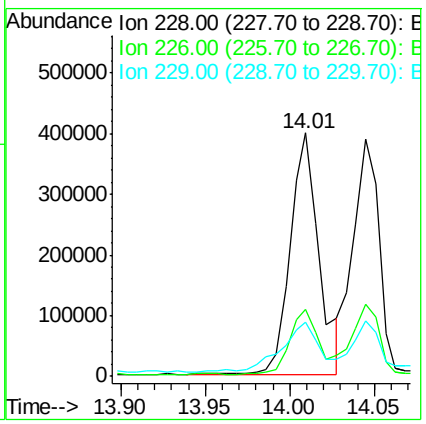


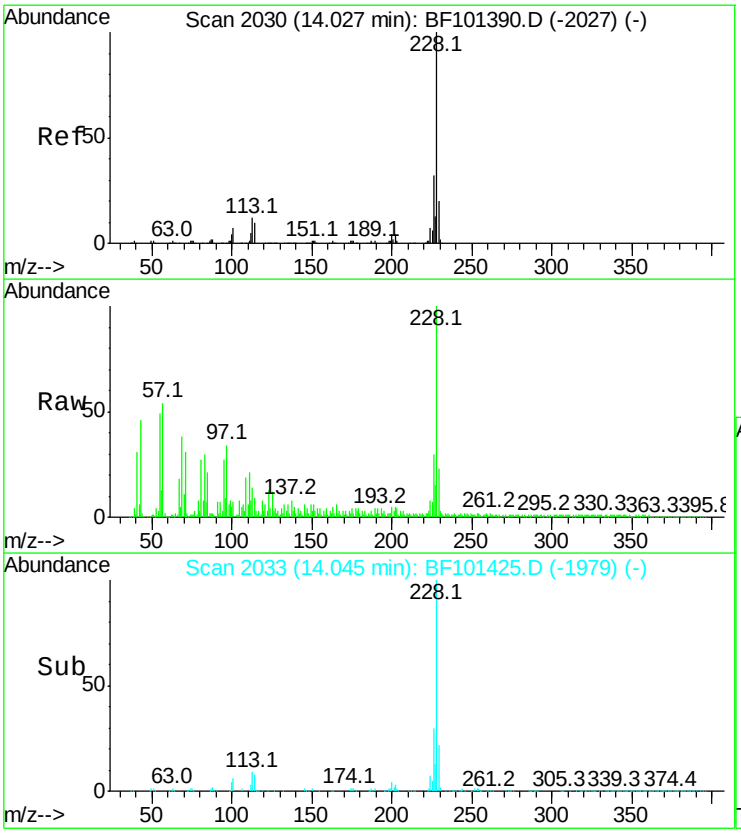
#80
Benzo(a)anthracene
Concen: 40.742 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 470650

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.2	15.8	23.6

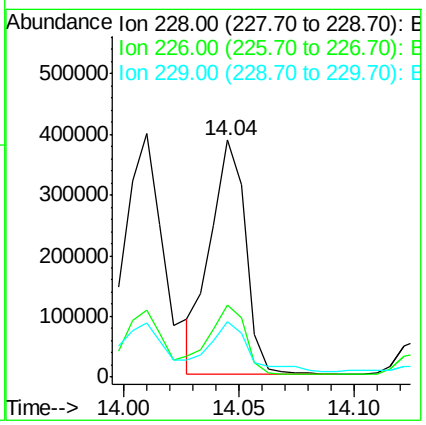


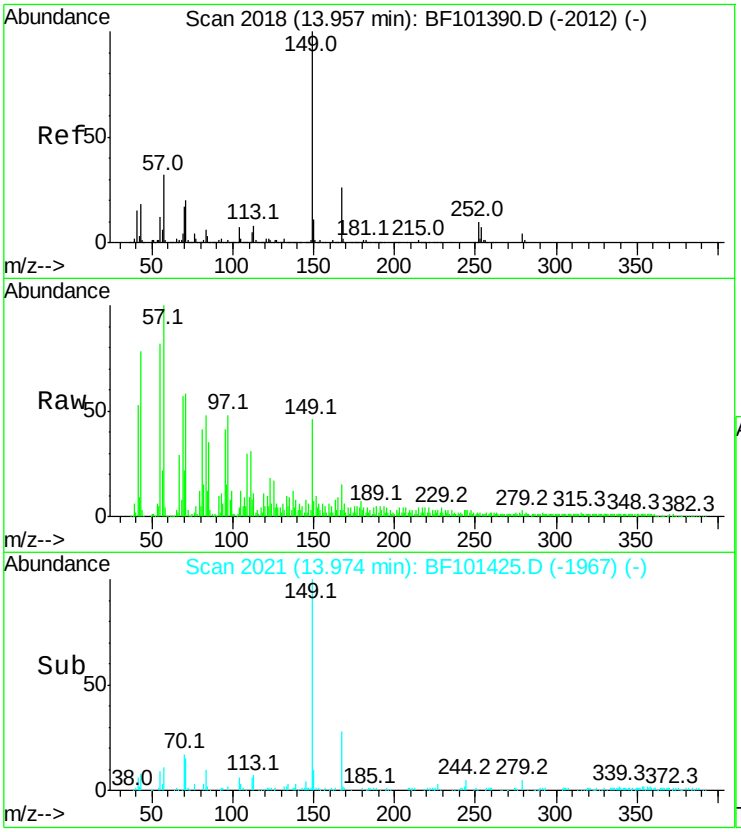


#82
Chrysene
Concen: 37.759 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:228 Resp: 411843

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.3	16.2	24.4



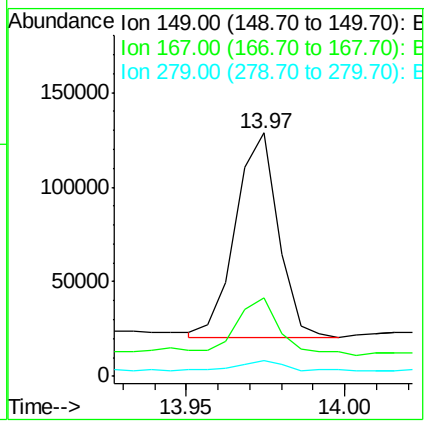


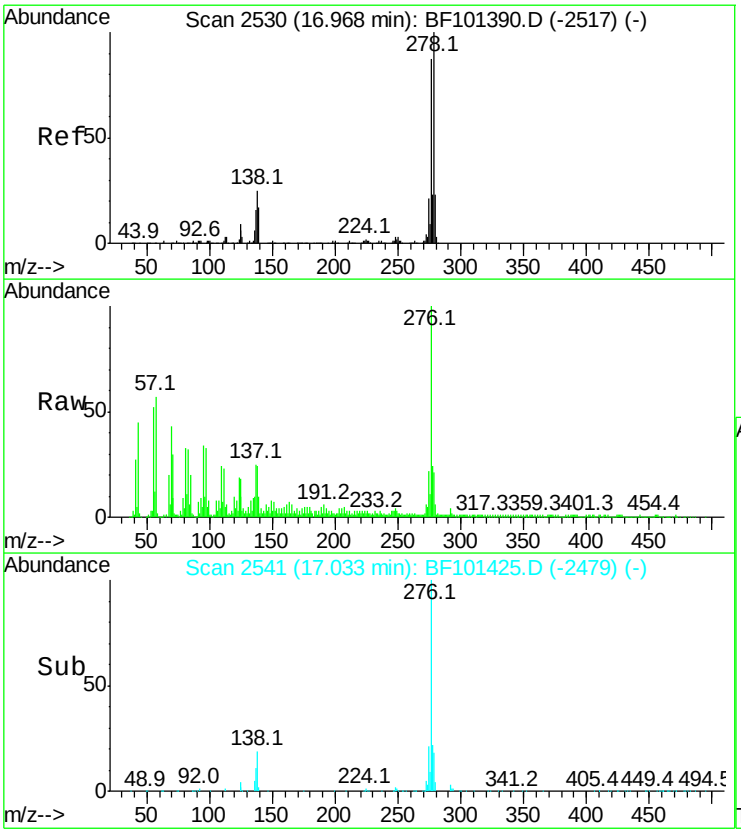
#83
Bis(2-ethylhexyl)phthalate
Concen: 13.338 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 100366

Ion	Ratio	Lower	Upper
149	100		
167	32.4	21.3	31.9#
279	6.7	3.0	4.4#

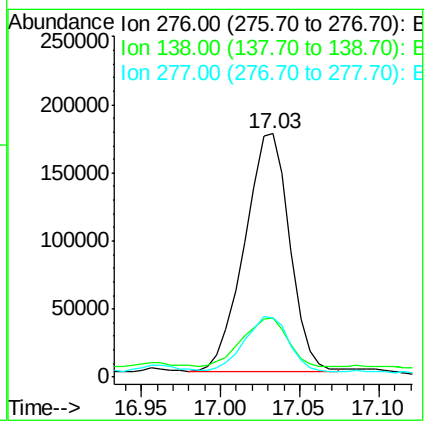


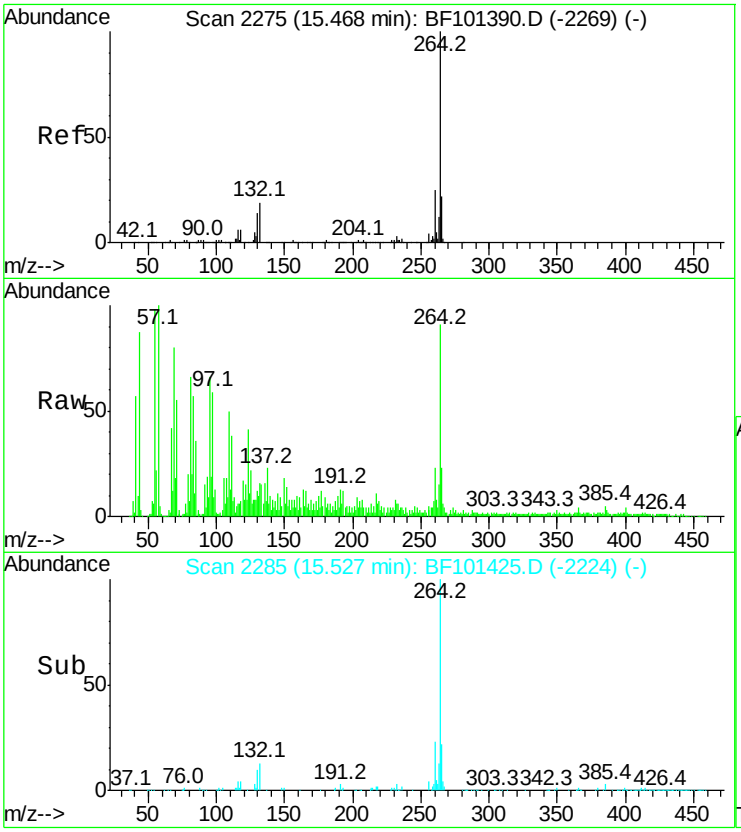


#85
Indeno(1,2,3-cd)pyrene
Concen: 35.389 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.06 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:276 Resp: 343722

Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	22.9	20.1	30.1



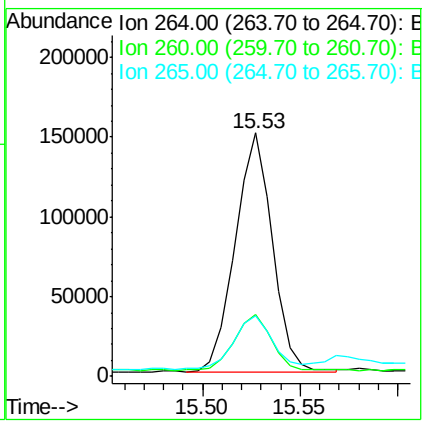


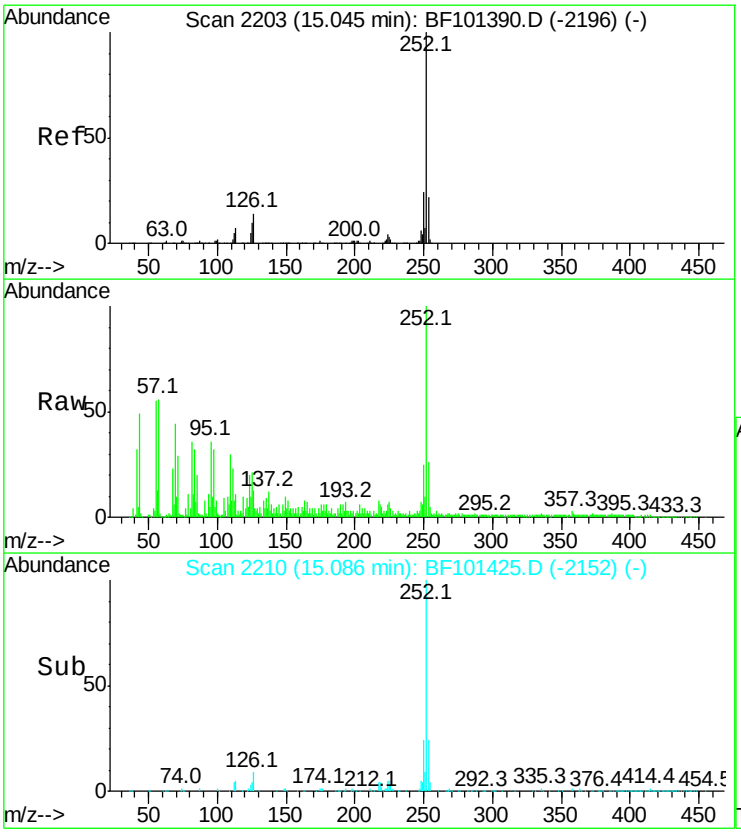
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.06 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 198630

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	24.8	17.5	26.3

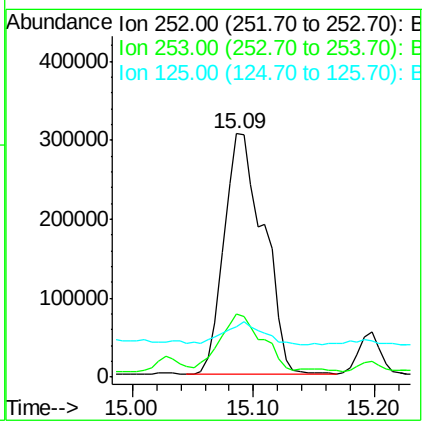


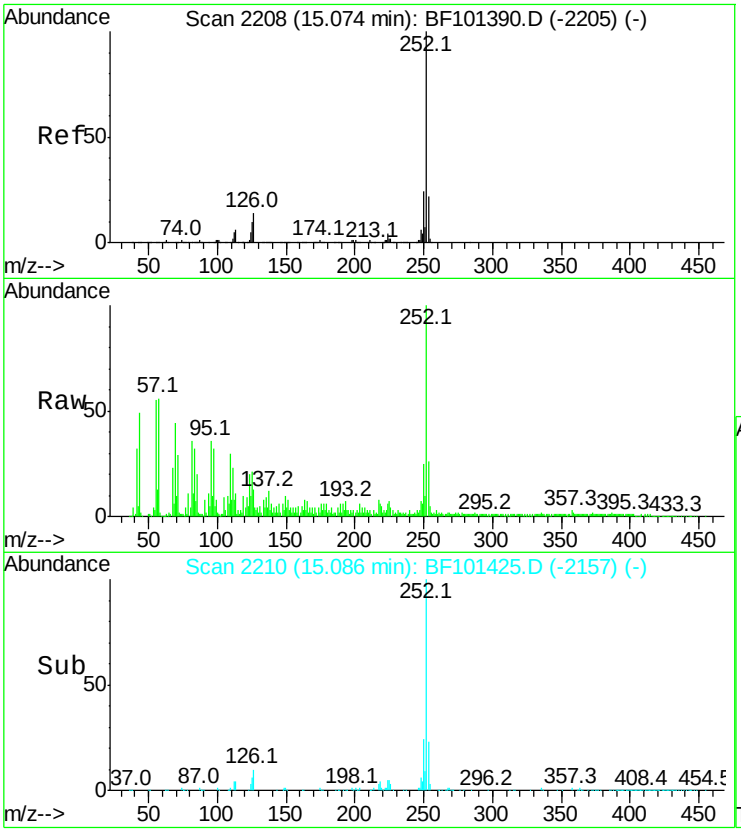


#87
Benzo(b)fluoranthene
Concen: 57.730 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.04 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:252 Resp: 698938

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	20.7	9.0	13.6#



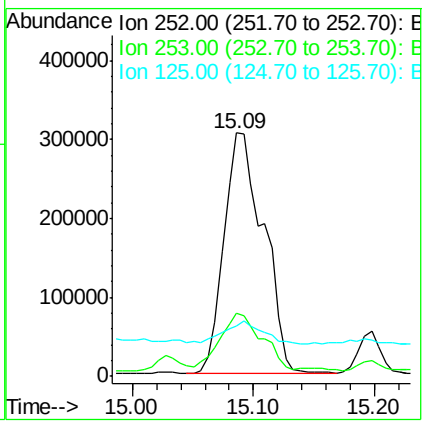


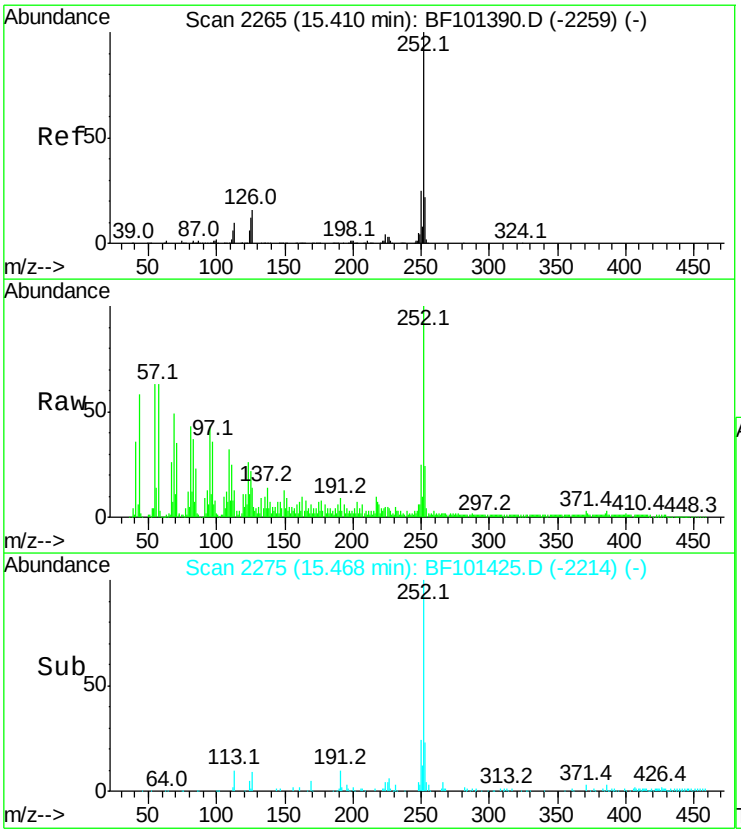
#88
Benzo(k)fluoranthene
Concen: 59.377 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 698938

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	20.7	10.2	15.2#

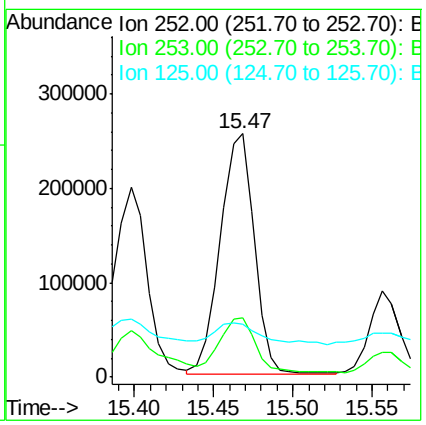


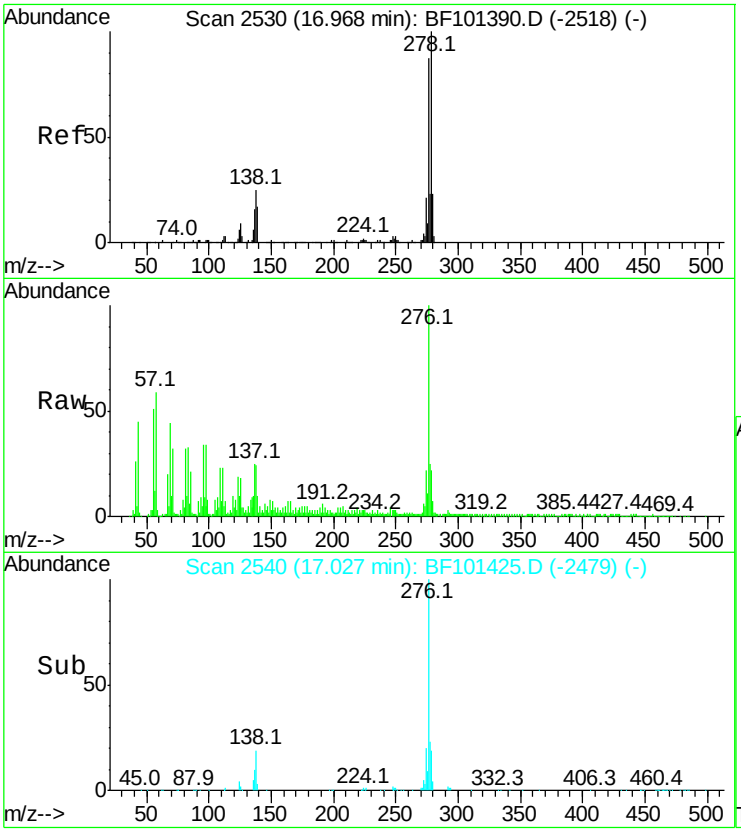


#89
Benzo(a)pyrene
Concen: 33.978 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.06 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:252 Resp: 379229

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	22.0	9.8	14.6#



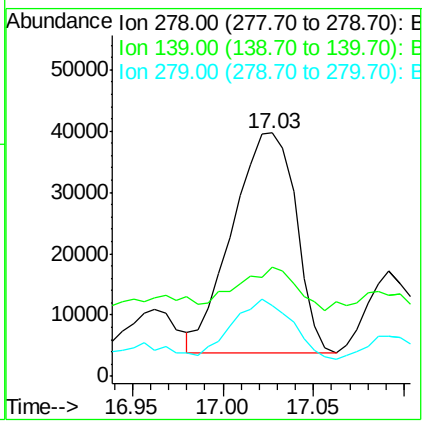


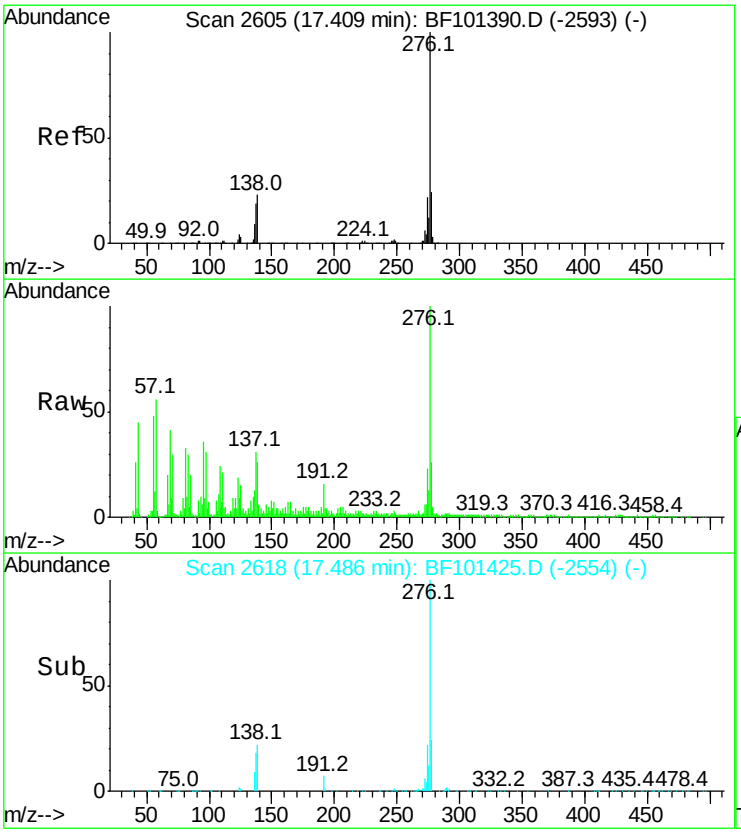
#90
Dibenzo(a,h)anthracene
Concen: 9.079 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.06 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 87000

Ion	Ratio	Lower	Upper
278	100		
139	44.8	15.9	23.9#
279	29.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 37.853 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.08 min
Lab File: BF101425.D
Acq: 15 Dec 2017 6:04

Tgt Ion:276 Resp: 359175

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	26.5	21.8	32.8